Title (en)

Process for the continuous biological production of lipids, hydrocarbons or mixtures thereof

Title (de)

Verfahren zur kontinuierlichen biologischen Herstellung von Lipiden, Kohlenwasserstoffen oder Zusammensetzungen davon

Title (fr)

Procédé pour production continue biologique des lipides, glucides ou leurs mélanges

Publication

EP 2196539 B1 20220209 (EN)

Application

EP 08171701 A 20081215

Priority

EP 08171701 A 20081215

Abstract (en)

[origin: EP2196539A1] The present invention is directed to a process for the continuous biological production of lipids, hydrocarbons, hydrocarbon like material or mixtures thereof by conversion of a suitable substrate using micro-organisms, in which process the said substrate is continuously, anaerobically fermented to produce lipids, hydrocarbons, hydrocarbon like material or mixtures thereof and fermentation gas, in the presence of, optionally supported, micro-organisms in an aqueous medium in a column type reactor, in which reactor at least part of the aqueous medium flows in upward direction, and recovering the lipids, hydrocarbon or hydrocarbon like material by separating the fermentation gas, the micro-organisms, the lipids, hydrocarbon or hydrocarbon like material from each other under conditions that coalescence of the hydrocarbon material or hydrocarbon like material is promoted.

IPC 8 full level

C12P 5/02 (2006.01); **C12P 7/64** (2022.01)

CPC (source: EP)

C12P 5/02 (2013.01); **C12P 7/6463** (2013.01); Y02E 50/30 (2013.01)

Citation (examination)

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DOCDB simple family (publication)

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EP 08171701 A 20081215; DK 08171701 T 20081215; ES 08171701 T 20081215; SI 200832191 T 20081215